

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/006832

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C09K11/06 H05B33/14 H01L51/30 C08G61/12 C07D209/86

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L H05B C09K C07D C08G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, COMPENDEX, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/077060 A (COVION ORGANIC SEMICONDUCTORS ; PARHAM AMIR (DE); BECKER HEINRICH (DE)) 3 October 2002 (2002-10-03) cited in the application claim 27	1-26, 31-33
A	US 2003/017361 A1 (FORREST STEPHEN R ET AL) 23 January 2003 (2003-01-23) claims 1,2,8	1-26, 31-33
X	US 4 111 850 A (KWALWASSER WILLIAM DAVID) 5 September 1978 (1978-09-05) claim 7; examples	27-30
X	US 4 125 534 A (YEE KWOK C) 14 November 1978 (1978-11-14) claim 1	27-30

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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

7 October 2004

Date of mailing of the international search report

02/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE WPI Section Ch, Week 197639 Derwent Publications Ltd., London, GB; Class A41, AN 1976-73516X XP002299357 & SU 474 533 A (TOMSK KIROV POLY) 12 March 1976 (1976-03-12) abstract</p> <p>-----</p>	27-30

Continuation of Box II, 2

Claims 1 and 2

Bridged systems are monocyclic or condensed systems in which different parts of the system are still additionally interconnected by means of a bridge. The compound with formula (I) does not fit this definition. Therefore the subject matter of claims 1 and 2 is so unclear that it is impossible to establish a meaningful report.

Furthermore, claims 1 and 2 relate to a disproportionately large number of possible compositions. Therefore the search was directed to the parts of the claims which can be considered clear and concise, that is, mixtures containing a conjugated polymer, a triplet emitter and a compound with formula I or II.

The applicant is advised that claims relating to inventions in respect of which no international search report has been established normally need not be the subject of an international preliminary examination (PCT Rule 66.1(e)). In its capacity as International Preliminary Examining Authority the EPO generally will not carry out a preliminary examination for subjects that have not been searched. This also applies to cases where the claims were amended after receipt of the international search report (PCT Article 19) or where the applicant submits new claims in the course of the procedure under PCT Chapter II. After entry into the regional phase before the EPO, however, an additional search can be carried out in the course of the examination (cf. EPO Guidelines, Part C, VI, 8.5) if the deficiencies that led to the declaration under PCT Article 17(2) have been remedied.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/006832

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